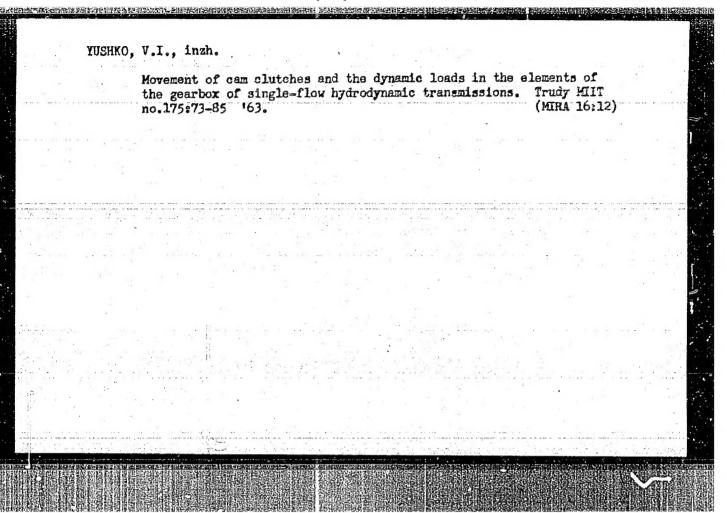
CORDEYEV, A.S., prof. doktor tekhn. nauk; YUSHKO, V.I., kand. tekhn. nauk; MATSKEVICH, V.G., inzh.

Modeling of the mwitching process in the reversing gear of hydraulic drives of diesel locomotives. Trudy MIIT no.195: 3:26-164 '64.. (MIKA 12:9)

CORDEYEV, A.S., kand.tekhn.nauk; YUSHKO, V.I., inzh.

Investigating the single-flow hydrodynamic transmission with a synchronizing hydraulic clutch. Trudy MIIT no.175:59-72 '63.

(MIRA 16:12)



YUSHKO, V.I., inzh.

Studying the shift process of the reversing gear of the hydrodynamic drive of diesel locomotives. Trudy MIIT no.173:34-50 163. (MIRA 17:9)

BAYKOV, B.K.; MELKHINA, V.P.; Prinimali uchastiye: VASIL'YEV, A.S.;
KATSEHELENBAUM, M.S.; KOMAROVA, A.A.; ZHIGULIHA, L.A.; TERHOVSKAYA,
L.N.; YUSHKO, Ya.K.; CHUMAK, K.I.; GUSEL'HIKOVA, E.L.; KETOVA, O.H.

Hygienic characteristics of air pollution in Gubakha and its effect on health of the population. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no.6:21-25 '60. (MIRA 14:11) (NIZHNYAYA GUBAKHA—AIR—POLLUTION)

DUBROVSKAYA, F.I.; KATSENELENBAUM, M.S.; YUSHKO, Ya.K.; BULYCHEV, G.V.; KOROLEVA, V.A.

Air pollution with wastes from synthetic fatty acids and alcohols and their effect on public health. Gig.i san. 26 no.12:3-8 D '61.

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta gigiyeny imeni F.F.Erismana.

(SHEBEKINO-AIR POLLUTION)

DUEROVSKAYA, F.I.; DYUZHEVA, Yu.V.; KATSENELENBAUM, M.S.; YUSHKO, Yu.K.; KOROLEVA, V.A.; BULICHEV, G.V.

Discharge into the atmosphere of wastes from the production of synthetic fatty acids and their effect on public health. Uch. zap. Mosk. nauch.-issl. inst. san. i gig. no.9863-66 [6] (MIRA 16:11)

YEFIMOV, N.A.; VASIL'YEV, A.S.; YUSHKO, Ya.K.; KOMAROVA, A.A.; KUBLANOVA, P.S.; ZHIGULIHA, L.A.; YUSHKEVICH, L.B.; BULYCHEV, G.V.

Effect of wastes of a metallurgical plant on the health of the population. Uch.zap. Mosk. nauch.-issl.inst. san. 1 gig. no.9:73-76 '61 (MIRA 16:11)

#### "APPROVED FOR RELEASE: 09/19/2001

#### CIA-RDP86-00513R001963230010-6

FIRST I CON EXPLORATION COT/5740

Aladomiya neuk SSUR. Institut minoralogii, gookhimii i kristallokhimii redhikh elemantov
Voprony minoralogii, gookhimii i geneziaa mestoroshdeniy redhikh elemantov
(Problems in Minoralogy, Cookhentatry, and Deposit Formation of Rare Elemanto)
Noneov, Ind-vo Al SCEN, 1950. 233 p. (Sericus Its: Trudy, vyp. b) Errata
printed on the inside of bock cover. 2,200 copies printed.

Ghief Ed.: K. A. Vicory, Corresponding Horbor, Acedery of Sciences ULUR;
Raop, Ed.: V. V. Jyekhovich; Ed. of Fublishing House; L. B. Tarcsov;
Tech. Ed.: P. B. Kasahna.

FURFCES: Thic book is intended for geologists, minoralogists, and petrographore.

COVERACT: This is a collection of 23 articles on the formation, geology,
minoralogy, patrography, and geochemistry of deposits of rare elements in

Siberia and Beviet Central Ania. The distribution and characteristics of
rare elements found in these areas as veil as some quantitative and qualitattive methods of investigating the rocks and rinerals in which they are found,

Card 1/6

	and most and another than the control of the contro	
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	Problems in Himerelogy (Cont.) E07/5740	
	or with which they are associated, are discussed. Two articles present an occasine investigation of the possibilities of industrial entraction and utilization of colonium, tellurium, and harnium. No personalities are renticeed. Each article is accompanied by references.	
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YUSHKO-ZAKHAROVA, O.Yo.; DUROVA, Z.N.

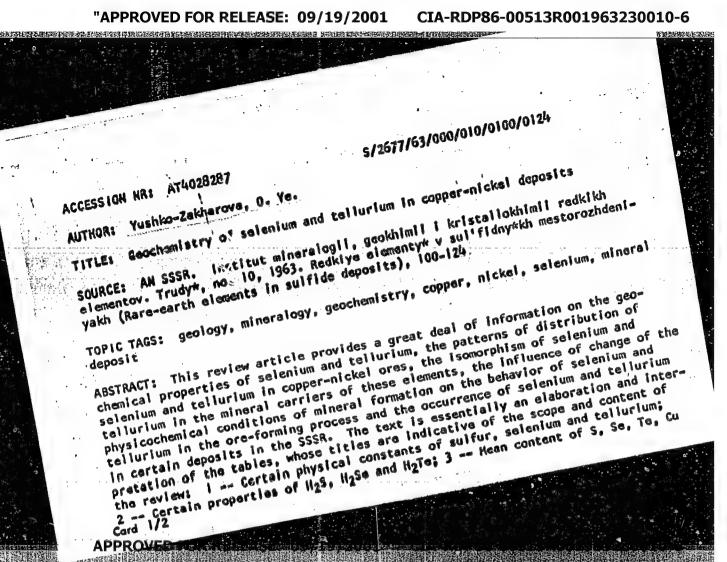
Selenium and tellurium in copper-nickel deposits of the Kola Peninsula. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 3:61-68 '59. (MIRA 14:5) (Kola Peninsula—Selenium) (Kola Peninsula—Tellurium)

企业等有关的研究。 第15章 特别的现在分词,我们是不是是不是是不是是一个人,我们们是一个人,我们们是一个人,我们是是一个人,我们们们的一个人,我们们们们的一个人,我们们们们们们的

#### YUSHKO-ZAKHAROVA, O.Ye.

Typomorphic mineral associations in copper-nickel deposits of the Monchegorsk region and the place of selenium and tellurium in the general plan of ore formation. Trudy IMERE no.5:126-135 '61. (MIRA 15:7)

(Monchegorsk region-Ore deposits)



ACCESSION NR: AT4028287

and NI for various rocks; 4 -- Content of Se, Te and S in the igneous rocks of the Monchegorsk intrusion; 5 -- Content of Se and Te in copper-nickel deposits; 6 --Mean Se:Te ratio for different types of ores; 7 -- Content of Se and Te in sulfides from various types of Honchegorsk ores; 8 -- Approximate content of S, Se, Te and their ratios in the ores of the Kola Peninsula; 9 -- Approximate contents of S, Se and Te and their ratios in the ores of the Noril'sk deposit; 10 -- Mean content of sclenium and tellurium in various minerals of copper-nickel ores; 11 -- Mean ratios of Se and To in various minerals of copper-nickel ores; 12 -- \$32:534 ratios in minerals and concentration of selenium and tellurium; 13 -- Content of S, Te and S and S:Se and S:Te ratios in chalcopyrite, pentlandite and pyrrhotite from Pechenga deposits; 14 -- Se and Te content in sulfides of various deposits; 15 -- Mean content of Se and Te in bornite and late chalcopyrite of the Noril'sk deposit. Orig. art. has: 5 figures and 15 tables.

ASSOCIATION: Institut mineralogii, geokhimil i kristallokhimil redkikh elementov (Institute of Mineralogy, Geochemistry and Crystallochemistry of Rare Elements)

SUBMITTED:

DATE ACQ: 16Apr64

ENCL: 00

SUB CODE:

NO REF SOV: 029

OTHER:

Card 2/2

RELEASE: 09/19/2001

YUJHKU-MAKHAHOVA, Oksana Yevgen'yevna; SHRDEYEVA, H.D., otv. rec.;

[Goochemintry and mineralogy of selenium and tellurium in coppor-nickel deposits] Geokhimiia i mineralogiia selena i tallura v medno-nikelevykh mestorozhdeniiakh. Moskva, Izdvo "Nauka," 1964. 110 p. (MIHA 17:6)

YUSHKO-ZAKHAROVA, O.Ye.

Nickel telluride, a new mineral. Dokl. AN SSSR 154 no. 3:
613-614 Ja '64. (MIRA 17:5)

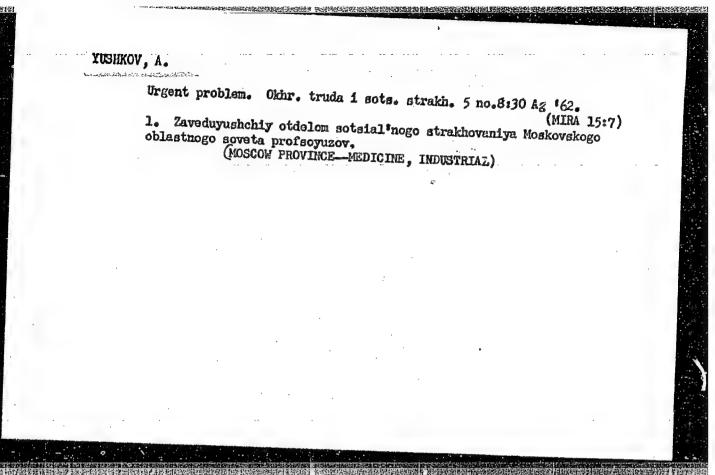
1. Institut mineralogii, geokhimii i kristallokhimii redkikh elementov. Predstavleno akademikom V.I.Smirnovym.

# YUSHKOV, A.

Good adviser ("Social insurance manuals; commentary on legislation in effect." Reviewed by A. IUshkov). Okhr. truda i sots. strakh. 4 no. 2:56-57 F '61. (MIRA 14:2)

1. Zaveduyushchiy otdelom sotsial nogo strakhovaniya Moskovskogo oblastnogo soveta profsoyuzov.

(Insurance, Social)



LINHGUED, V.Ya.; URZHUDOV, A.I.; YUSHKOV. A.S.

Unit for the automatic telemetering of drilling operations and their dispatcher control. Maxwed. i ekh. nedr 29 no.10:21-24 0 '63. (MIPA 17:12)

1. Vostochno-Kazakhstanskoye geologicheskoye upravlenige.

KAZANTSEV, M.I.; YUSHKOV, A.S.

Attachment to the K-5 comoscope for recovering oriented cores in vertical holes. Razved. I okh. nedr 30 no.7:50-51 Jl 164.

1. Kazakhskiy nauchno-issledovatel'skiy institut mineral'nego syr'ya !finisteratva geologii i okhrany nedr KazSSR.

YUSHKOV, A.S., aspirant

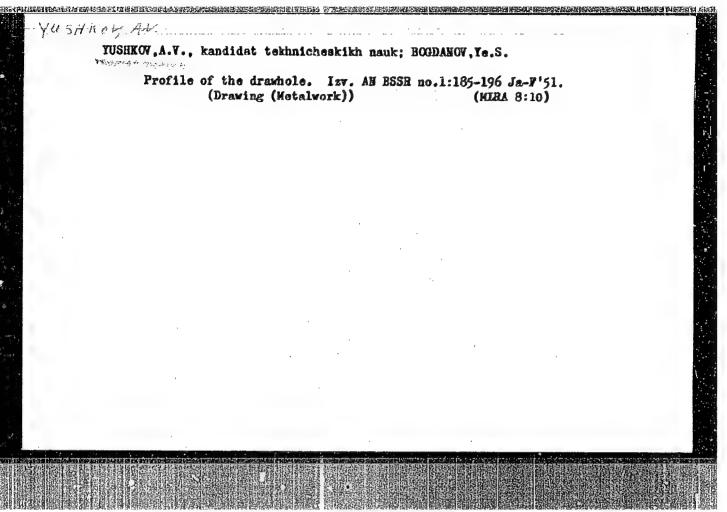
Effect of the mensitivity of instruments on the accuracy of installation of deflectors for artificial deviation of boreholes. Izv. vys. ucheb. zav.; geol. i razv. 8 no. 12:113-119 D 165

1. Tomskiy politekhnicheskiy institut.

The work of an annealer of non-ferrous metals in flame furnaces Moskva, Metallurgizdat, 1944. 94 p. (V pomoshch' rabochim massovykh professii) Cyr. 4 TN2

1. Non-ferrous metals - Metallurgy.

Y 2011 R. 1. 1.



Speed of deformation in the various processes of plastic deformation. Izv.AN BSSR, no.3:141-154 My-Je '53. (MIRA 9:1)

(Deformations (Mechanics))

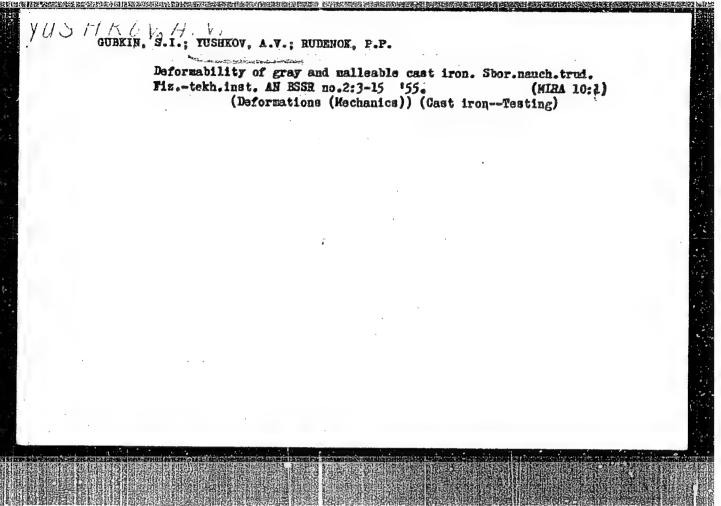
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GUEKIN, S.I.; YUSHKOV, A.V.; STRUKOV, N.A.

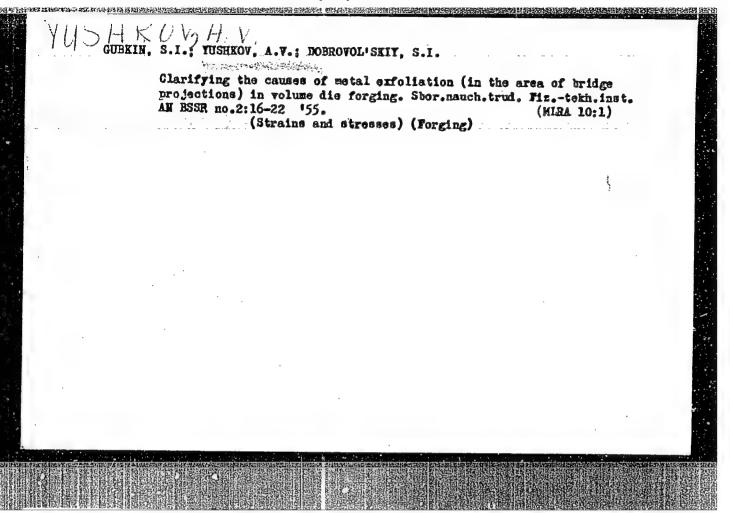
Changes in mechanical properties and plasticity of 40EnW and 40Kh steels. Sbor.nauch.trud.Fis.-tekh.inst.AN BSSR no.1:26-38'54.

(MERA 10:1)

(Steel alloys--testing) (Metals, Effect of temperature on)



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AKIMOVA, K.I.; BAZHENOV, M.F.; BAKHVALOV, G.T.; BEZKILHENKO, N.P.; BERMAN, S.I.;
BOGDANOV, Ye.S.; BODTARO, M.N.; BOYKO, B.B.; VINOGRADOV, S.V.;
GAGEN-TORN, K.V.; GIEK, T.P.; GOREV, K.V.; GRADUSOV. P.I.; GUSHCHINA, T.N.;
TIMEL'YAROV, A.K.; YESIKOV, M.P.; ZDZYABSZIY, A.V.; ZAETAROV, M.V.;
ZAKHAROVA, M.I.; KARCHEVSKIY, V.A.; KOMAROV, A.M.; EDRZHENKO, O.T.;
LAYHER, V.I.; MAL'TSEV, M.V.; MILLER, L.Ye.; MILOVAROV, A.I.;
MIROROV, S.S.; NIKONOROVA, N.A.; OL'KHOV, N.P.; OSIPOVA, T.V.;
OSOKIN, N.Ye.; PERLIN, I.L.; PLAKSIN, I.N.; EROKOF'YEV, A.D.;
RUMYANTEW, M.V.; SEVERDENKO, V.P.; SEREDIN, P.I.; SHIRAGIN, A.P.;
SPASSKIY, A.G.; TITOV, P.S.; TURKOVSKAYA, A.V.; SHAKHNAZAROV, A.K.;
SHPICHINETSKIY, Ye.S.; YURKSHTOVICH, N.A.; YUSHKOY, A.V.;
YANUSHEVICH, L.V.

Sergei Ivanovich Gubkin, TSvet.met, 28 no.6:60-61 N-D '55. (MIRA 10:11)
(Gubkin, Sergei Ivanovich, 1898-1955)
```

SOV/137-57-10-19104

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 10, p 97 (USSR)

AUTHOR: Yushkov, A.V.

TITLE: Resistance to Deformation Under Impact Loads (Soprotivleniye

deformirovaniyu pri udarnom nagruzhenii)

PERIODICAL: Sb. nauchn. tr. fiz.-tekhn. in-t AN BSSR, 1956, Nr 3, pp

78-86

ABSTRACT: A description is offered of equipment for, and the results of

investigation of the upsetting of copper and steel specimens on a vertical impact-testing machine. Resistance to deformation is determined by graphical differentiation of the experimental

curves.

Ya.O.

Card 1/1

SOV/137-57-10-19120

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 10, p 98 (USSR)

AUTHORS: Muras, V.S., Yushkov, A.V.

TITLE: Drop-forging a Bending Rod With Electrolytic Heating (Shtam-

povka izgibayushchegosya sterzhnya s elektrolitnym nagrevom)

PERIODICAL: Sb. nauchn. tr. Fiz.-tekhn. in-t AN BSSR, 1956, Nr 3, pp

ABSTRACT:

An investigation is performed showing the possibility of upsetting (U) rods in which the ratio of the length of the upset portion to billet diameter is >2.4, thus making it possible to reduce the number of passes in press forging. Important factors in reducing the number of passes are elimination of the practice of heating too long a portion of the billet and use of one-shot U of the billet in faceted dies. The design of a die for U long forgings on a short-stroke crank press is presented.

M. Ts.

Card 1/1

SOV/137-57-10-19154

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 10, p 102 (USSR)

Dovnar, S.A., Nichiporovich, F.V., Yushkov, A.V. On the Thermal Conductivity of Die Lubricants (K voprosy

AUTHORS:

termicheskoy provodimosti shtampovykh smazok) Sb. nauchn. tr. Fiz.-tekhn. in-t AN BSSR, 1956, Nr 3, pp TITLE:

A description of a laboratory installation is provided, and of PERIODICAL:

experiments to investigate heat exchange upon contact between a heading tool and the specimen with various types of lubricants. Heat exchange was judged by the change in the temperature of a Cu heading tool in the upsetting of specimens of Cu ture of a Cu heading tool in the upsetting of specimens of Cu heated to 780° and 920°C. Various thicknesses of lubricant heated to 780° and 920°C, and mica were applied to the borax, NaCl, water glass, and heavy oil hefore deformation. ABSTRACT:

specimen before heating, and heavy oil before deformation: Mica displayed the least heat exchange, with NaCl and borax following in order. The thermal properties of the lubricant depend to a considerable degree upon its physicochemical propdepend to a considerable degree upon its physicoenemical properties. The amount of heat going into the heading tool at a speciment terms of page 1 and erties. The amount of heat going into the heading tool at a spectimen temperature of 920° is less than at 780°. This is explained

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APPROVED FOR RELEASE: 09/19/2003

f On the Thermal Conductivity of Die Lubricants by the reduction in the unit pressure required for metal flow as temperature

SOV/137-57-10-19154

M.Ts.

R. P.

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 4, p 116 (USSR) AUTHOR:

Yushkov, A. V.

TITLE: Problems in the Field of Drop Forging (Zadachi v oblasti gorya-

PERIODICAL: V sb.: Materialy konferentsii po usoversh. tekhnol. goryachey shtampovki. Minsk, AN BSSR, 1957, pp 3-11 ABSTRACT:

A review of a number of drop-forging problems: economy accuracy, heating, and also theoretical propositions. The fact that the process of precision forming of small forgings has received

1. Forging--Theory 2. Forging--Economic aspects

Card 1/1

SOV/137-58-11-22425

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 11, p 84 (USSR)

AUTHOR: Yushkov, A. V.

A Kinematic Method of Determining the Forces Arising in Dynamic TITLE:

Upsetting in a Vertical Impact-testing Machine (Kinematicheskiy metod opredeleniya usiliy pri dinamicheskom osazhivanii na

vertikal'nom kopre)

PERIODICAL: V sb.: Materialy konferentsii po usoversh. tekhnol. goryachey

shtampovki. Minsk, AN BSSR, 1957, pp 19-30

A presentation is made of work in developing relatively simple ABSTRACT: kinematic methods of recording upsetting (U) curves in deformation

by impact. An optical device mounted on the vertical impacttesting machine is used to record the U curve on photographic film or paper within coordinates for absolute reduction versus time. Graphic differentiation of the U curve plotted on an enlargediscale by means of the tool microscope serves to obtain the speed and acceleration of motion of the striker. The deformation force gener-

ated in the specimen is equated to the impact force exerted by the

Card 1/2. striker. Knowing the deformation force in each point of U and the

A Kinematic Method of Determining the Forces Arising (cont.) SOV/137-58-11-22425

cross-sectional area of the specimen (the volume of the specimen is given, and the instantaneous height is derived from the U curve) it is possible to plot a graph for resistance to deformation (D) relative to degree of D. As the rate of motion of the striker along the entire path of U is known, the U velocity may also be determined. Graphs of D resistance for ShKh-15 steel on impact U as a function of the level of D for temperatures from 700 to 1200°C and of Cu at 20° are presented.

Card 2/2

SOV/137-58-11-22426

Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 11, p 84 (USSR)

AUTHORS: Yushkov, A. V., Bogdanov, Ye.S.

TITLE: Rate of Deformation on Upsetting by Impact (Skorost' deformatsii

pri udarnom osazhivanii)

PERIODICAL: V sb.: Materialy konferentsii po usovershi tekhnol. goryachey

shtampovki, Minsk, AN BSSR, 1957, pp 44-51

ABSTRACT: More precise light is shed on rate of deformation (RD) when forces

are applied by impact. An analysis is presented of the processes of change in RD by free impact. It is pointed out that in order for the results of testing in hot forging to be comparable, it is necessary to determine the characteristic RD values, initial, maximum, and mean. A velocity coefficient for determination of forging stress can then be determined with greater accuracy. Formulas are suggested for determining maximum and average RD. It is shown that the RD is at a maximum at the onset of the process if the strain is less than 0.5, and when the height of the upset specimen is 1.65  $h_{\rm n}$  ( $h_{\rm n}$  being the height of the sample at the terminal instant of the process)

Card 1/2 if the strain is over 0.5. The results of the experiments conducted

Rate of Deformation on Upsetting by Impact

show these equations to reflect the actual course of the process with adequate accuracy.

v. o.

Card 2/2

YUSHKOV, A-V.

PHASE I BOOK EXPLOITATION

1133

Akademiya nauk Belorusskoy SSR. Fiziko-tekhnicheskiy institut

Sbornik nauchnykh trudov, vyp. IV (Collection of Scientific Papers, v. 4) Minsk, Izd-vo AN BSSR, 1958. 261 p. 1,150 copies printed.

Ed.: Mariks, L.; Tech. Ed.: Bolokhanovich, I.; Editorial Board: Sverdenko, V.P. (Chief Ed.); Gorev, K.V.; Sirota, N.N., Bodyako, M.N., Parkhutik. P.A.

FURPOSE: This book is intended for metallurgical engineers and metallurgists.

COVERAGE: The scientific papers included in this volume deal with various - problems in metallography, forming of metals, heat treatment, electro-erosion, and the physics of metals. No personalities are mentioned.

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SEVERDENKO, V.P., akademik, red.; KALACHEV, M.I., red.; YUSHKOV, A.V., red.; VOIK, A.A., red.; GURVICH, G. Ye., tekhred.

[Papers of the Conference on the Improvement of the Tachnology of the Working of Metals under Pressure | Materialy Konferentsii po usovershenstvovaniju tekhnologii obrabotki metallov davleniem. Hinsk, Isd-vo Belgosuniv. im. V.I.Lenina, 1958. 111 p.

1. Konferentsiya po usovershenstvovaniyu tekhnologii obrabotki metallov davleniyem. (Matalwork--Congresses)

APPROVED FOR RELEASE: 09/19/2001

SOV/137-59-1-1719

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 227 (USSR)

AUTHOR: Yushkov, A. V.

Some Trends in the Development of Hot Forming TITLE:

(Nekotoryye napravleniya v razvitii goryachey shtampovki)

PERIODICAL: V sb.: Materialy Konferentsii po usoversh. tekhnol. obrabotki

metallov davleniyem. Minsk, Belorussk. un-t, 1958, pp 9-16

ABSTRACT: The author examines improvements relating to the preheating of forgings and stamping blanks on hammers and presses, also

measures taken to improve the durability of forging dies, the modernization of the forging machinery, and the mechanization and

automatization of the various hot-forming processes.

Ye. L.

Card 1/1

Translation from: Referationyy zhurnal, Mejallurgiya, 1959, Nr 1, p 217 (USSI) SOV/137-59-1-1642

AUTHOR: Yushkov, A. V.

On the Effect of the Strain Rate on Resistance to Deformation of TITLE: Steel (K voprosu o vliyanii skorosti deformirovaniya na soprotivle-

niye deformatsii)

PERIODICAL: V sb.: Materialy Konferentsii po usoversh. tekhnol. obrabotki metallov davleniyem. Minsk, Belorussk. un-t, 1958, pp 79-87

ABSTRACT: Experimental investigations demonstrate that during upsetting operations carried out on specimens of steel 30 the resistance to deformation (RD) varies as a function of the ratio d/h. In the case of specimens in which d/h < 1, at strain rates ranging from 2 to 8 m/ sec, the RD remains constant. Empirical formulae for the determination of stresses and evaluation of the RD during open-die

forging in a drop hammer are proposed.

A. M.

Card 1/1 -

THE RESIDENCE OF THE PROPERTY OF THE PROPERTY

SOV/137-59-1-1711

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 226 (USSR)

AUTHOR: Yushkov, A. V.

TITLE: Some Lubricating Coatings Employed in Forging Production

(Nekotoryye smazki, primenyayemyye v kuznechnom proizvodstve)

PERIODICAL: V sb.: Materialy Konferentsii po usoversh. tekhnol. obrabotki metallov davleniyem Minsk, Belorussk. un-t, 1958, pp 107-112

ABSTRACT: Certain types of lubricating coatings (L) employed in hot stamping of metal are listed, general requirements that must be met by such

L's are described, and conditions and fields of their application are outlined. A report on novel types of L's, glass, colloidal MoS2, and non-combustible ethylene polymers (fluorocarbon plastics) is presented. It is pointed out that the problem of production and utilization of high-performance L's, which are essential to increased operating efficiency and durability of dies, is not given sufficient attention. This is particularly true of L's employed in stamping of

steel forgings, a technology in which the durability of dies is still

not sufficiently high.

Card 1/1

I.K.

SOV/137-59-1-1252

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 170 (USSR)

AUTHORS: Yushkov, A. V., Kalachev, M. I.

TITLE: Changes in Mechanical Properties of Steel ShKh-15 as a Function of the Temperature (Izmeneniye mekhanicheskikh svoystv stali ShKh-15

v zavisimosti ot temperatury nagreva)

PERIODICAL: Sb. nauchn: tr. fiz.-tekhn. in-t AN BSSR, 1958, Nr 4, pp 89-94

ABSTRACT: Static mechanical properties (eb, b, and \psi) of ShKh-15 steel were determined, and its crippling strength under dynamic loading ( o ) at temperatures ranging from 20 to 1200°C was established. The magnitude of the so was determined by means of upsetting the specimens (30 mm high and 20 mm in diameter) under a drop hammer, the speed of the ram amounting to 6.25 m/sec, in accordance with the formula  $\sigma_A = A/\epsilon V$ , where A is the work done during the plastic deformation; a the degree of deformation (a value of 10% was assumed), and V the volume of the specimen. It was established that at temperatures of 400°, 625°, 950°, and 1200°, on amounted to 66 kg/mm<sup>2</sup>, 28 kg/mm<sup>2</sup>, 10 kg/mm<sup>2</sup>, and 3 kg/mm<sup>2</sup>, respectively, while

σ<sub>A</sub> amounted to 54, 54, 25, and 16 kg/mm<sup>2</sup>, respectively. T.F. Card 1/1

CIA-RDP86-00513R001963230010-6" APPROVED FOR RELEASE: 09/19/2001

S/123/59/000/09/17/036 A002/A001

Translation from: Referativnyy zhurnal, Mashinostroyeniye, 1959, No. 9, p. 104, # 33628

AUTHORS: Yushkov, A. V., Prosvirov, N. T.

TITLE: The Mechanical Properties of Some Die Steels After Heat Treatment

PERIODICAL: Sb. nauchn. tr. Fiz.-tekhn. in-t AN BESR, 1958, No. 4, pp. 95-104

TEXT: The authors investigated "5XHT" (5KhNT), "5XHB" (5KhNV), "7X3" (7Kh3) die steels after quench hardening from 850°C in oil and tempering at 350-700°C (at 50° intervals); "Y10" (U10) steel was also investigated. The mechanical properties in tensile and impact tests were determined at room and at tempering temperatures. The test for hot cracks (razgarnyye treshchiny) was performed by hammering (700 blows) a steel strip made of the steel under investigation, imitating a die. The highest heat resistance was found with 5KhNT steel. The greatest proneness to hot crack formation under thermomechanical effects was observed with U10 steel. The highest number of hot cracks in the steels under investigation were observed after tempering at 300°C.

Card 1/2

S/123/59/000/09/17/036 A002/A001

The Mechanical Properties of Some Die Steels After Heat Treatment

Hot cracks were not observed when tempering at  $550^{\circ}$ C (5KhNT steel) and at  $650^{\circ}$ C (5KhNV steel). There are 8 figures and 6 references.

F. M. A.

Translator's note: This is the full translation of the original Russian abstract.

B

Card 2/2

SOV/81-59-10-36498

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 10, p 449 (USSR)

AUTHOR:

Yushkov, A.V.

TIPLE:

Some Lubricants Used in the Forging Industry

PERIODICAL:

V sb.: Materialy Konferentsii po usoversh. tekhnol. obrabotki metallov

pod davleniyem, Minsk, Belorusak, un-t, 1958, pp 107-112

ABSTRACT:

The compositions of some dry, thick and liquid lubricants are cited and the application of new types of thermally and chemically stable lubricants (powder-like glass, glass fabric, borax, MoS<sub>2</sub>, fluoroplastics) in the hou punching and forging treatment of metals in the USSR and abroad are con-

sidered. There are 5 references.

G. Margolina

Card 1/1

8/137/60/000/010/017/040 A006/A001

Translation from: Referativnyy zhurnal, Metallurgiya, 1960, No. 10, p. 126, # 23455

AUTHORS:

Severdenko, V.P., Prosvirov, N.T., Yushkov, A.V.

TITLE:

The Effect of the Flare Groove Shape on the Wear Resistance of

Open Dies

PERIODICAL:

Sb. nauchn. Fiz-tekhn. in-t, AN BSSR, 1959, No. 5, pp. 70 - 76

TEXT: An analysis is made of thermomechanical factors assuring the durability of dies. It is experimentally shown that in the existing shapes of the flare groove the bridge is subjected to high stresses and heating up to high temperatures. To raise the wear resistance of open swaging dies, a new V-shaped flare groove is recommended. The industrial use of dies with such a groove showed that their durability had increased by a factor of 1.5 - 2.

M.Ts.

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

TUSHKOV, A.V. (Cand. Tech.Sc.)

"Process of Drop Forging in Low-Burr Dies."

report presented at the 13th Scientific Technical Conference of the Kuybyshev Aviation Institute, March 1959.

8/123/61/000/003/011/023 A004/A104

AUTHOR:

Yushkov, A. V.

TITLE:

On the impact efficiency during the upsetting of steel blanks with different diameter-to-height ratios on vertical ram impact machines

PERIODICAL:

Referativnyy zhurnal, Mashinostroyeniye, no. 3, 1961, 4, abstract 3V21 (Sb. nauchn. tr. fiz.-tekhn. in-t AN BSSR<sup>N</sup>, no. 5, 1959, 90-93)

TEXT: The author describes the results of investigating the impact efficiency during the upsetting of steel specimens 30 mm in diameter (d) and 4-34 mm high (h) at different temperatures and impact energy on vertical ram impact machines. The impact efficiency is determined by the upsetting curve plotted by the kinematic method. The impact efficiency depends on the specimen dimension, and the greater  $\frac{d}{h}$  the smaller is the impact efficiency. During the upsetting of blanks with  $\frac{d}{h} < 1$  at different deformation temperatures and impact energy, the efficiency approximates 1. There are 4 figures, 1 table and 2 references.

S. Kolesnikov

[Abstractor's note: Complete translation]

Card 1/1

VORONCHIKHIN, V.G.; YUSHKOV, I.S.

Changing the design of the slag tank. Sbor. rats. predl. vnedr. v proizy. no.2:58-59 '61. (MIRA 14:7)

1. Lipetskiy metallurgicheskiy zavod "Svobcdnyy Sokol". (Foundries—Equipment and supplies)

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# Boundary conditions of automatic control systems for turbocompressors with long pipe conduits. Inzh.-fiz.zhur. no.7:84-90 Jl '58. (HIRA 11:8) 1.Gcsudarstvennyy universitet, Leningrad. (Automatic control) (Compressors)

YUSHKOV, V.P.; YUSHKOV, M.P. [Kinematics of an absolutely solid body] Kinematika absoliutno tverdogo tela. Leningrad, Leningr. tekhnologichaskii in-t kholodil'noi promyshl., 1960. 49 p. (MIRA 14 (Kinematics)

THE RESERVE OF THE PROPERTY OF

(MIRA 14:12)

CIA-RDP86-00513R001963230010-6" APPROVED FOR RELEASE: 09/19/2001

39300 S/043/62/013/003/001/001 D409/D301

26-2120

AUTHOR:

Yushkov, M.P.

TITLE:

An approximate method of determining the principal critical speed of loaded whirling shafts

PERIODICAL:

Leningrad. Universitet. Vestnik. Seriya matematiki, mekhaniki i astronomii, v. 13, no. 3, 1962, 99-102

TEXT: The method consists in replacing a shaft with 2 disks, by a shaft having only one disk, so that the critical speed of the equivalent system is equal to that of the original system. The characteristic equation for the critical speed of a shaft with 2 disks is derived. By assuming that the disk between the bearings is absent, one obtains from the characteristic equation

 $c^{3}(4 + 3c)\mu\delta^{2} - 12(1 + 3c)\mu\delta + 12c^{2}(1 + c)\delta - 36 = 0$  (5)

where  $c = \ell_3/\ell$  ( $\ell_3$  denoting the distance between the remaining disk and one of the bearings, and  $\ell$  the distance between the

Card 1/3

S/043/62/013/003/001/001. D409/D301

An approximate method ...

bearings),  $\mu = \rho^2/\ell^2$  (where  $\ell^2$  denotes the radius of gyration),  $\delta = \ell^3 \nu$  ( $\nu$  being related to the angular velocity of the shaft and the bending rigidity). An equivalent disk is considered, which is overhung on the shaft at a distance 13 from the right bearing. The mass of this disk is equal to the sum of the masses of the original two disks. The problem consists in determining, from Eq. (5), the fitting-on point ce - 13/1. This can be done by solving the characteristic equation and by substituting the obtained solution in the transformed Eq. (5). Such a method is however cumbersome. In practice, it is more convenient to use the following grapho-analytic method. The characteristic equation is rewritten; a family of curves, depending on c, is constructed in the coordinate system  $(\mu, \delta)$ . The value of  $\delta$ , corresponding to a given value of c, is directly determined from these curves. A second family of curves is constructed for the determination of ce. The above method of replacing a system of 2 disks by a single one, yields accurate results. The method can be extended to the case of n concentrated masses located between the two bearings, and a single disk. The results thereby obtained are no longer exact, but approximate. Card 2/3

An approximate method ...

S/043/62/013/003/001/001 D409/D301

Two examples are given, illustrating the above method. These examples show that the approximate methods of Dunkerley, Rayleigh, Stodola, etc., lead to considerable underestimates in the values of the critical speed (these methods do not take into account the gyroscopic effect). The author proposes a modification to Dunkerley's formula so as to make allowance for this effect. On the other hand, the above method of the equivalent disk yields slightly overrated values. By repeated experiment it was found that in practice the approximate formula for the critical speed:

 $k \approx 0.2k_D^* + 0.8k_e$ 

(18)

is satisfactory (kp denoting the value according to Dunkerley's formula, and ke the value according to the formula of the equivalent-

SUBMITTED:

February 15, 1961

Card 3/3

:	velocity of loaded we 102 '62.	ighable shafts. Vest.	LGU 17 no.13:9 (MIRA	9 <del>-</del> . 15:7)
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	: (6)			
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### YUSHKOV, M.P.

A transcendental equation encountered in problems of mathematical physics. Inzh.-fiz. zhur. 5 no.7:94-96 Jl \*62. (MIRA 15:7)

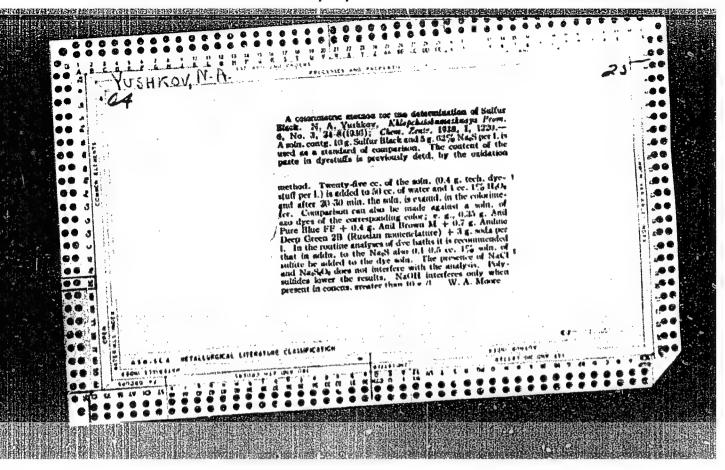
1. Gosudarstvennyy universitet imeni A.A.Zhdanova, Leningrad.
(Differential equations)

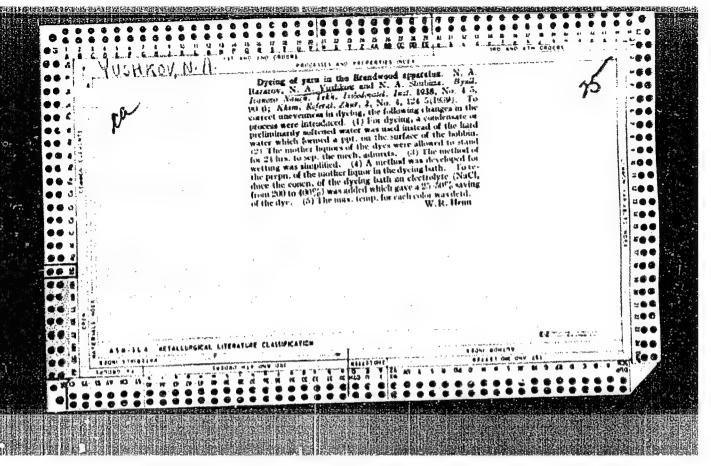
# YUSHKOV, M.P., iznh.

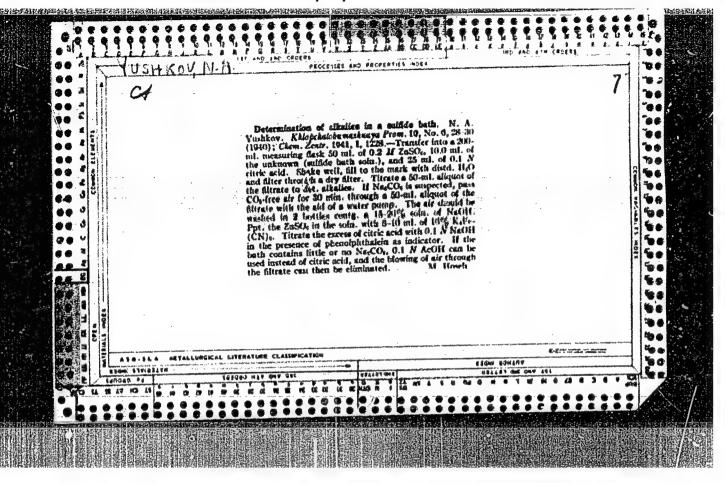
Concerning a certain method for determining the main critical angular velocity of the rotors of turbomachines. Izv.vys.ucheb. zav; energ. 6 no.1:64-69 Ja '63. (MIRA 16:2)

1. Leningradskiy gosudarstvermyy universitet imeni A.A. Zadanova. Predstavlena kafedroy teoreticheskoy mekhaniki.

(Turbomachines)







YUSHKOV, N. A.

Dyes and Dyeing - Cotton

Three-vat method of dyeing cotton in continuous operation. Tekst. prom., 12, No. 6, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. UNCLASSIFIED.

YUSHXOV, NH.

USSR /Chemical Technology. Chemical Products and Their Application

I-19

Dyeing and chemical treatment of textiles

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32200

Author Yushkov N.A., Siadkopevtseva G. Ye., Shubina N.A., Shumarina A.V.

Title Decreasing the Expenditure of Sodium Sulfide in

Dyeing Cotton.

Orig Pub: Tekstil'naya prom-st', 1956, No 7, 37-39

Abstract: The formulas for dyeing cottom with sulfur dyes

(D) have been revised in order to decrease the expenditure of D and Na2S. The optimal amounts of Na2S have been determined for dyeing with Sulfur Black, Brown Zh, Blue Z and their mixtures,

Card 1/3

I-19

USSR /Chemical Technology. Chemical Products and Their Application

Dyeing and chemical treatment of textiles

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32200

in continuous operation apparatus and centrifugal apparatus, under conditions approximating the full-scale operations. It was found that the dosage of Na<sub>2</sub>S is determined by its concentration (in g/liter) in the dye bath. This concentration is apparently about the same with the different D and amounts to approximately 4-6 g/liter of 100% Na<sub>2</sub>S. It does not depend on the concentration of the D, within the range of the usual concentrations of industrial dye baths (10-20 g/liter). The alkali content, with a concentration of Na<sub>2</sub>S of 4-5 g/liter, must be not less than 2 g/liter NaOH (100%). For

card 2/3

USSR /Chemical Technology. Chemical Products and Their Application

I-19

Dyeing and chemical treatment of textiles

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32200

continuous dyeing apparatus it is not expedient to use NaCl with a content of thiosulfates, in the dye bath, amounting to 25-30 g/liter. The new formulas increase exhaustion of the D, decrease its losses during rinsing and, consequently, result in large savings (about 30%) of D and Na<sub>2</sub>S.

Card 3/3

KOPERIN, Vladislav Vladimirovich; YUSHKOY, Nikolay Ivanovich; HAUMOV, Vasiliy Grigor'yevich; TUROVSKIY, Petr Borisovich; Prinical uchastiye FEL'DMAH, A.K., inzh. KORELIH, D.S., red.; MIKHAYLOVA, L.G., red.izd-va; PARAKHINA, N.L., tekhn.red.

[Manual on the assembly of technological equipment in the enterprises of the pulp and paper industry] Spravochnik po montazhu tekhnologicheskogo oborudovaniia predpriiatii tselliuloznobumazhnoi promyshlennosti. Moskva, Goslesbumizdat, 1960. 259 p. (MIRA 14:4)

Treat Soyuzprombummontazh (for Foltdman).
 (Paper industry--Equipment and supplies)

YUSHKOV, H.I., kand.tekhn.nauk

From the first patent to the latest discoveries. Sum. prom. 35 no.7:28-29 Je '60. (MIRA 13:8) (Paper industry)

YUSEKOV, H. I., kand. tekhn. nauk

From the history of the paper industry. Bum. prom. 35 no.8:28-29
(MEA 13:8)
Ag '60.

(Paper industry)

YUSHKOV, Nikolay Ivanovich; NAUMOV, Vasiliy Grigor'yevich; TUROVSKIY, Petr Borisovich; ZHUDRO, S.G., red.; YEPISHKINA, A.V., red. izd-va; SHIEKOVA, R.S., tekhn. red.

[Assembly and installation of technological equipment in enterprises of the woodpulp and paper industry] Montazh tekhnologicheskogo oborudovaniia predpriiatii tselliuloznobumazhnoi promyshlennosti. Moskva, Goslesbumizdat, 1962. 319 p. (MIRA 16:2)

(Woodpulp inductry-Equipment and supplies)

KOPERIN, Vladislav Vladimirovich; YUSHKOV, Nikolay Ivanovich; NAUHOV, Vasiliy Grigor'yevich; TUROVSKIY, Petr Borisovich [deceased]; KORELIH, D.S., red.

[Handbook on the assembly and installation of the technological equipment in enterprises of the woodpulp and paper industry] Spravochnik po montazhu tekhnologicheskogo oborudovaniia prodpriiatii taolliulozmo-bumashnoi promyshlennosti. Izd.2., peror. i dop. Moskva, Lesnaia promyshlennosti, 1964. 758 p. (MIRA 17:9)

YUSHROV, Rikotay Ivanovich, kand. tokhm. nauk; NAUNOV, Vasilly Grigorlyc-len; FEL'IDMAN, Akim konstantinovich; GOLOVKO, Ye.M., red.

[Repair of the technological equipment of woodpulp and paper enterprises Remont tekhnologicheskogo oborudovaniia tselliulozno-bumazhnykh predpriiatii. Moskva, Lesnaia promyshlemnost', 1965. 120 p. (MIRA 18:9)

	Develop the creative initiative of the organizations of the technical and scientific societies. Bum.prom. 37 no.6:22 Je '62.  (MIRA 15:6)  1. Predsedatel' Leningradskogo oblastnogo pravleniya Nauchnotekhnicheskogo obshchestva bumazhnoy i derevoobrabatyvayushchey promyshlennosti.  (Wood-using industries—Societies, etc.)						
And the second s							

ICUMNOV, A.K., kandidat meditsinskikh nauk; YUSHKOV, N.P., starshyy ordinator

The ability of furuncle staphylococci to coagulate blood plasma.

Vest.ven. i derm. 30 no.2:46 Mr-Ap '56.

(STAPHYLOGOCCUS) (BLOOD--COAGULATION)

(HIRA 9:7)

IQUHNOV, A.K.; YUSHKOV, N.P. (Ohita)

Case of yellow chromhidrosis. Vest.ven. 1 derm. 30 no.4:57 J1-Ag '56. (LIVER--DISEASES) (MLRA 9:10) (PERSPIRATION)

TIMOFETEV, M.N.; YUSHKOV, M.S.

Improving the AB-400 drill for boring frozen ground, Mats. 1 izobr. predl. v stroi. no.7:35-36 !58. (MIRA 11:12)

(Boring machinery) (Frozen ground)

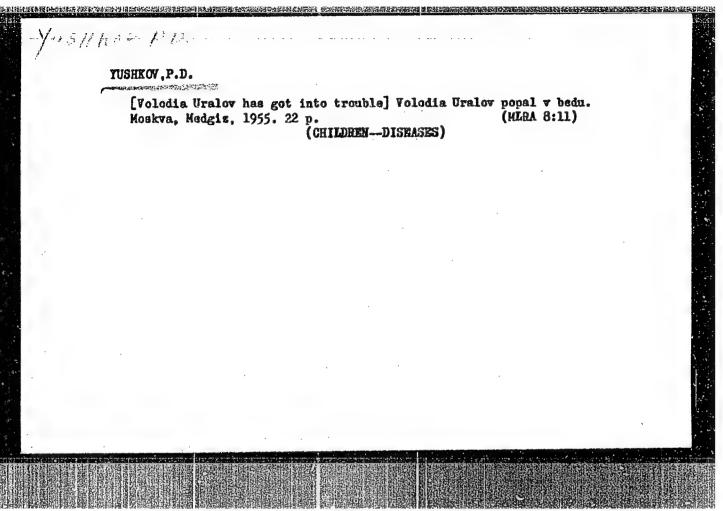
POPOV, V.A., assistent; SOLOPOVA, K.Ye., assistent; YUSHKOV, P., kand.fiz matem.nguk, prof.											
		Determining ucheb.zav.	g natural ; mashinos	frequencie tr. no.6	s of a she	aft with	a disk.	Izv.vys (MIRA 1	5:11)	-	
l. Leningradskiy tekhnologicheskiy institut kholodil'noy promyshlennosti.  (Shafting-Vibration)											
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YUSHKOV, P.D.

Disinfection in fungous diseases. Vest.ven.i derm. no.5:52 8-0 !53. (KLHA 6:12)

1. Iz Chelyabinskogo gorodskogo vendispansera.

(Medical mycology)



APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963230010-6"

YUSHKOV, P.D.

New forms of health education in fungous diseases. Vest.derm. 1 ven. 34 no.6t36-37 '60. (MIRA 13:12)

1. Iz (helyabinskogo gorodskogo kozhno-venerologicheskogo dispansera (glavnyy vrach M.N. Sverdlova) i kafedry kozhnykh bolezney (zav. - dotsent K.P. Kochetov) Chelyabinskogo meditsinskogo instituta.

(MEDICAL MYCOLOGY)

MAKHONINA, G.I.; YUSHKOV, P.I.; VOLKOVA, M.Ya.; TIMOFEYEV-RESOVSKIY, N.V.

Distribution of Sr<sup>90</sup> and Ru<sup>106</sup> in the basic organs of pine. Dekl. AN SSSR 151 no.6:1456-1457 Ag '63. (MIRA 16:10)

1. Institut biologii Uraliskogo filiala AN SSSR. Predstavleno akademikom V.N.Sukachevym.

YUSHKOV, P.I.

Distribution of the products of photosynthesis in pines. Trudy Inst. biol. UFAN SSSR no. 43:17-23 '65 (MIRA 19:1)

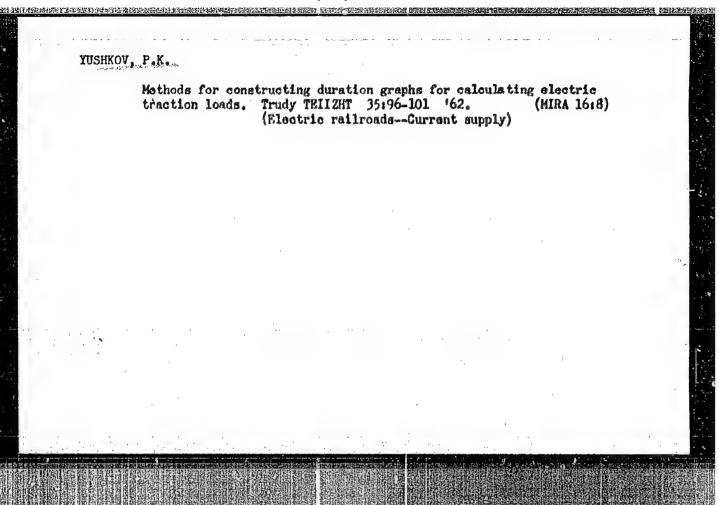
Carbon nutrition of the growing branches of young pines. Ibid.:25-32.

Growth characteristics of pine and birch in water-logged forests of the Loz'va-Pelym interfluve. Ibid.:53-58

1. Institut biologii Ural'skogo filiala AN SSSR.

 YUSHKOV, P.K., dotsent

Increasing the operational reliability of traction power supply systems on railroad main lines. Trudy TELIZHT 25:326-336 '58. (MIRE 13:10) (Electric railroads-Substations)



YUSHKOV, P. K., dotsent; MYL'NIKOV, L. L., inzh.

Analytical methods for constructing a load duration chart of a traction substation. Trudy OMIIT 37:128-137 '62. (MIRA 17:5)

YUSHKOV, P.K.

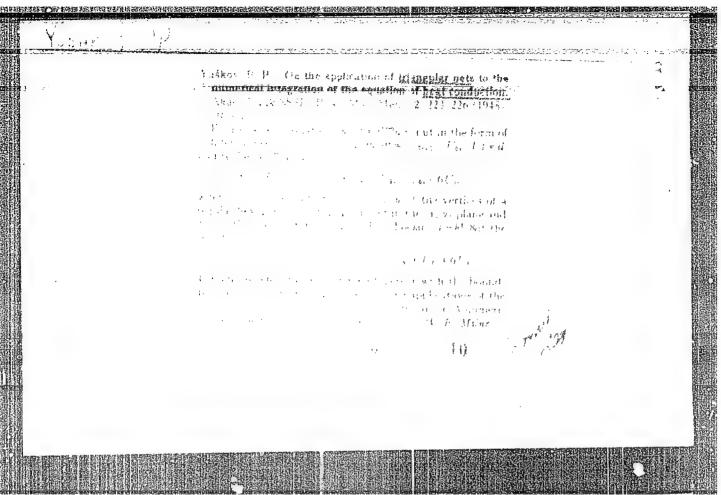
Load duration chart of an electric railroad sector. Trudy OMTHT 41:37-45 163.

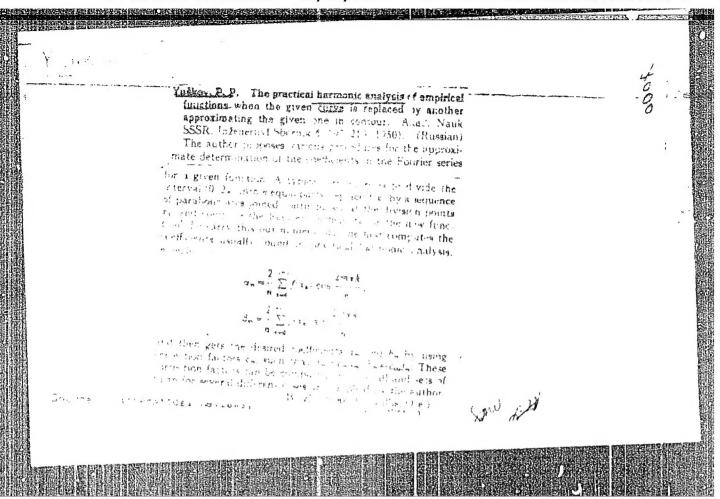
Selecting the number of points of the parallel connection of wires on double-track electric railroad sections. Ibid.:47-53 (MRA 18:7)

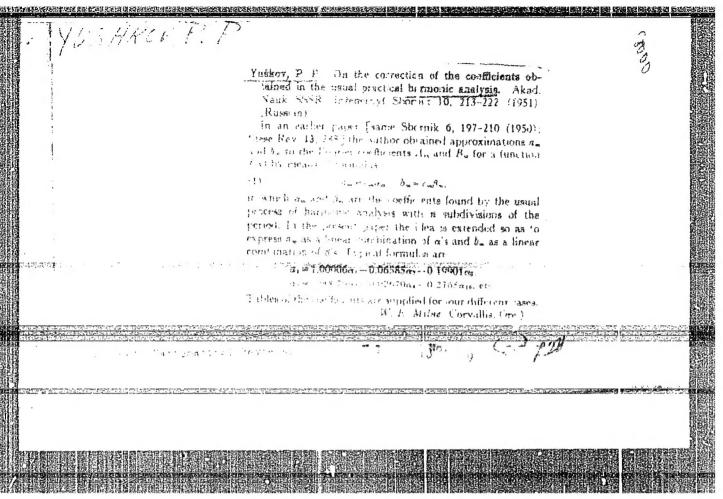
BESKOV, B.A.; GERONIMUS, B.Ye.; DAVYDOV, V.N.; KREST'YANOV, M.Ye.;
MARKVARDT, G.G.; MININ, G.A.; Prinimal uchastige Takazov,
A.I.; VANNELAT, E.G., Inzh., retsenzent; KRUGIYAKOV, F.Ye.,
inzh., retsenzent; KUCHMA, K.G., kand. tekhn. nauk,
retnenzent; ICMAZOV, D.V., kand. tekhn. nauk, retsenzent;
SLUTENIY, Z.M., insh., retsensent; FRANKIN, I.S., inzh.,
retsenzent; YUSHKOV, P.K., inzh., retsenzent; FRANKIN,
L.M., inzh., red.; USENKO, L.A., tekhn. red.

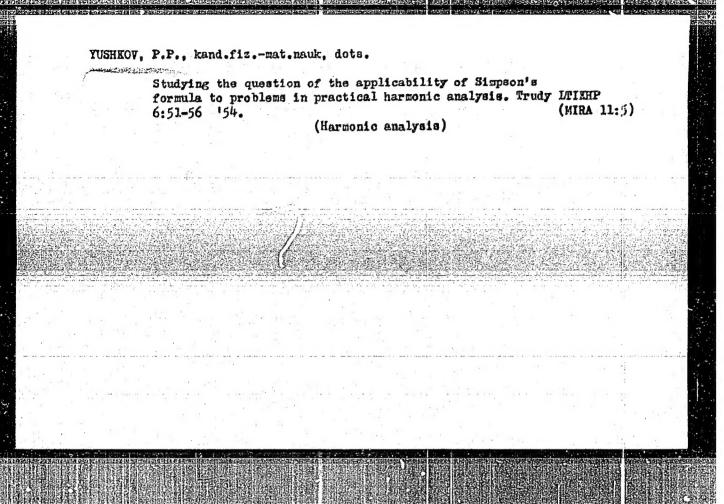
[Design of electric railroad power supply systems] Proektirovanie sistem energosnabzheniia elektricheskikh zheleznykh dorog. [By] B.A.Beskov i dr. Moskvæ, Transzheldorizdat, 1963.
470 p.

(MIRA 17:2)









YUSHKCV. P. F.

"On Emproving the Convergence of Series Arising in Precision Harmonic Analysis," Incheserary Sb, Vol 19, 1994, pp 171-178

The author studies a continuous function y = f(x) with period  $2\pi$ , whose graph passes through the points  $R_k(x_k, y_k)$ , where  $x_k = 2\pi k/n$ ,  $y_k = f(2k/n)$  (k = 0, 1, 2, ..., n), and which can be expanded in a Fourier series with coefficients  $A_0$ ,  $A_m$ , and  $B_m(n = 1, 2, ..., n)$ . The author uses the method of substituting a broken line or family of second and third degree parabolas for the true curve which the function represents. (RZhNat, No 7,1955) SO: Sum.No. 713, 9 Nov 55